Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 17 Dec 2020 until 23:59 on Friday 18 Dec 2020

Forecast Issued on Wednesday 16 Dec 2020 at 16:50

Confidence: High for sunshine and showers by day Thursday, then a series of rain bands interspersed with showers crossing from the west, however confidence lowering through the forecast in the timings and intensity of the worst of the conditions.

Headline for Thursday 17 Dec 2020: Showers by day. Windy at height. Rain during evening.

Mountain weather hazards on Thursday 17 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers (night)	Light rain showers (night)	Light rain showers (night)	Light rain showers	Sunny intervals	Sunny intervals	Cloudy	Light rain
Precipitation probability							
30%	30%	30%	30%	10%	10%	10%	60%

Forecast for Thursday 17 Dec 2020

Weather: Clear then sunny spells mixed with scattered showers through to late morning, with some turning heavy. Showers dwindling after late morning, with most staying dry with increasing sunny spells for the afternoon. Rain spreading from the west during the evening.

Chance of cloud free mountain/hill tops above 600m: Initially 80% with bases lowering 450-650m in showers, becoming during the afternoon 95% as showers decay, finally lowering 30-40% late evening as rain spreads from the west.

Visibility: Good or very good sporadically lowering moderate or poor in showers, then more generally in periods of rain late evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2020. All Rights Reserved

Mountain Weather Forecast

Forecast for Thursday 17 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/34 SW	24/32 SW	23/32 SW	24/33 SW	23/31 SW	23/31 S	26/36 S	31/43 S	34/47 S
300	19/29 S	17/26 SW	17/26 SW	17/27 SW	17/25 SW	16/25 S	19/28 S	23/34 S	25/38 S
Valley	10/26 S	10/24 SW	9/24 SW	10/25 SW	11/23 SW	9/22 S	10/26 S	14/32 S	16/36 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	3/-3	3/-3	3/-3	4/-2	5/-1	5/-0	6/-0	6/0
300	6/1	5/1	5/0	5/0	6/2	7/3	8/3	8/4	8/4
Valley	6/2	6/2	5/2	5/2	7/4	7/5	8/5	8/5	9/6
Freezing Level*	1200m	1100m	1100m	1100m	1100m	1400m	1600m	1900m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windy at height with significant wind chill initially. Best of conditions during afternoon. Hill fog and summit gales by late evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 16 Dec 2020	10mm	10.4mm	16.2mm

Forecast for Friday 18 Dec 2020

Weather: Quite unsettled with showers or longer periods of rain. Best of drier spells during the morning with some limited brightness, with more persistent and heaviest rain expected between mid-afternoon and mid-evening.

Maximum wind: South mean 30mph with gusts reaching 45-50mph across most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: 40% during the morning, then 20% from the afternoon as bases become quite extensive from 450-600m

Visibility: Moderate or good, occasionally poor or very poor.

Temperature: **Valleys:** Plus 5 Celsius increasing 13 Celsius during the afternoon
At 600m: Plus 6-8 Celsius
Freezing level: Above all summits

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2020. All Rights Reserved